INDEX

Page	Page
Abstinence syndrome	Aminomorphides
Acedicon. See dihydrocodeinone enol acetate.	Aminomorphine 21, 29, 30
Acetocodeine types	Aminophenanthrenes
Acetylallopseudocodeine	Amyldihydromorphinone
Acetylation—Morphine series 10, 19	Analgesia—Definition 6
Acetylation-Phenanthrene series, 49, 74, 79, 80, 81, 88	
Acetylcodeine 10, 19, 27	Basic derivatives-Morphine series 21, 23, 34
Acetylcodeine isomers. See under Isomers.	Benzofuro-[2, 3-f]-quinoline
Acetyldemethylodihydrothebaine (same as	, N-Methyl-1, 2, 3, 4-tetrahydro 101
Acedicon) 69	——, 1, 2, 3, 4-Tetrahydro 101
Acetyldihydroallopseudocodeine	Benzofuro-[3, 2-g]-quinoline 101
Acetyldihydrocodeine 10, 19, 27, 28, 31	, N-Methyl-1, 2, 3, 4-tetrahydro 101
Acetyldihydroisocodeine 19, 27, 31	, 1, 2, 3, 4-Tetrahydro 101
Acetyldihydromorphine. See Monoacetyldi-	Benzofuroquinolines
hydromorphine.	Benzyldihydrodesoxymorphine-D 8, 12
Acetyldihydropseudocodeine	Benzyldihydromorphine
Acetylhydroxycodeinone31	Benzyl ethers, phenolic 8
Acetylisocodeine	Benzylmorphine
Acetyl-α-isomorphine. See Monoacetyl-α-iso-	Benzylmorphine methyl ether
morphine.	Blood pressure effects 8, 15
Acetyl-\$\beta\$-isomorphine. See Monoacetyl-\$\beta\$-iso-	Bromocodeine 29, 30
morphine.	14-Bromocodeinone
Acetyl-γ-isomorphine. See Monoacetyl-γ-iso-	Bromocodide. 12, 13, 23, 24
morphine.	Bromomorphide
Acetylmorphenol	Bromomorphine
Acetylmorphine. See Monoacetylmorphine.	G-1-1-
Acetylmorphine isomers. See under Isomers.	Carbazole 41, 103, 104, 109
Acetylphenanthrenes 61, 62 Acetylpseudocodeine 10, 19, 28	, 1-Amino 103, 104, 105
Acetylthebaol 48, 50	, 3-Amino 103, 104, 105, 108 , 6-Amino-1, 2, 3, 4-tetrahydro 106, 107, 108
Acylnaphthalenes 64	, 1-Hydroxy-1, 2, 3, 4-tetrahydro 106, 107, 108
Addiction—Definition 115	, 10-Hydroxy-1, 2, 3, 10-tetrahydro 106,
Addiction—Discussion 2, 122, 125, 126	107, 108
Adrenaline types—Phenanthrene series 73, 78	, 1-Keto-1, 2, 3, 4-tetrahydro 108
Alcoholic esters of morphine	, 3-Nitro
Alcoholic ethers of morphine	, 1-Nitro-3, 6-dibromo
Alcoholic hydroxyl configuration 14, 15, 16, 26	, 9-Nitroso-3-nitro 105
Alcoholic hydroxyl substitutions	9-Acetyl:
13, 18, 19, 20, 22, 23, 24	,, 3-Amino 103, 104, 105
Aldehydes—Phenanthrene series	, 9-Ethyl:
Alicyclic unsaturated linkages 26	,, 3-Amino 103, 104, 105
Alkylation—Alcoholic hydroxyl 9, 17	, 9-Methyl:
Alkylation—Phenanthrene series 47	,, 2-Acetyl
Alkylation—Phenolic hydroxyl	, 1-Amino 103, 104, 105
Allopseudocodeine	, 3-Amino
Amines, primary 55, 69, 74, 76, 78, 99	, 2-[2-(Diethyl-amino)-1-hydroxy-
Amines, secondary 55, 69, 76, 78, 86, 99	n-propyl]
Amines, tertiary	,, 2 • [3 • (Dimethylamino) • 1 •
Amino alcohols—Carbazole series 106, 107, 108	hydroxy-n-propyl] 106, 107, 108
Amino alcohols—Dibenzofuran series	,, 1-Nitro-3, 6-dibromo
Amino alcohols—Phenanthrene series	Carbazole—Numbering system. 103
73, 76, 79, 81, 85, 88, 92, 95 Aminocarbazoles 103, 109	Carbazole—Schematic relations
	Carbinols—Dibenzofuran series 97
Aminocodides 29 Aminocodides 21, 24	Carbinols—Phenanthrene series 61
Aminocodides 21, 24 Aminoketones—Dibenzofuran series 99	Cardiac effect
Aminoketones—Phenanthrene series	Chemical structure and action—Conclusions. 34, 69, 95, 102, 109, 110, 125
Ammoratories - I neglantifiede series	09, 95, 102, 109, 110, 125

Page	Page
Chemical structure and action—Discussion 2,	Dihydrocodeine 7, 14, 18, 19, 20, 22, 23, 27, 31, 32
37, 114	Dihydrocodeine isomers. See under Isomers.
Chlorocodeine	Dihydrocodeine methyl ether (same as Tetra-
α-Chlorocodide	hydrothebaine) 18, 27, 121, 123, 125
β-Chlorocodide	Dihydrocodeinone
Chlorodihydrocodide	Dihydrocodeinone enol acetate 28, 32, 69, 121, 125
8-Chlorodihydrocodide 13 8-Chlorodihydrocodide 13	Dihydrodesoxycodeine-D
8-Chlorodihydrocodide 13 Chlorodihydromorphide 5, 11, 13, 23, 27, 28	11,12, 21, 22, 24, 25, 28, 121, 122, 126
a-Chloromorphide 4, 12, 13, 21, 23, 24, 27	Dihydroheterocodeine 9, 14, 18, 27, 121, 122, 124, 126
β-Chloromorphide. 4, 12, 13, 21, 23, 28, 121, 122, 123, 126	Dihydrohydroxycodeine-A
Chloromorphine 29	Dihydrohydroxycodeine-B 30, 31, 32
Codeine 4, 7, 8, 14, 18, 19, 23, 27, 30, 34, 121, 123, 125	Dihydrohydroxycodeine-C 30, 31, 32
Codeine isomers. See under Isomers.	Dihydrohydroxycodeines
Codeine methobromide	Dihydrohydroxycodeinone 27, 29, 30, 69, 121, 122, 125
Codeine methochloride	Dihydroisocodeine
Codeine methomethyl sulfate	Dihydro-α-isomorphine
Codeine methyl ether 9, 18, 27 Codeinone 16	8, 14, 18, 20, 22, 23, 27, 121, 123
Convulsant action—Definition 6	Dihydro-α-isomorphine alcoholic ethyl ether 14,
Curare-like action	18, 27
Cyclic amino alcohols	Dihydro-α-isomorphine alcoholic methyl ether. 14,
Cyclic ketones 92	18, 27
Data, explanation of	Dihydro-\$\text{\text{\text{B}}} isomorphine
Dependence—Definition	Dihydro-γ-isomorphine
Depression, general—Definition 6	Dihydromorphine 6, 8, 14, 18, 19, 20, 22, 23, 27, 32, 45
Desocodeine. See Dihydrodesoxycodeine-D.	Dihydromorphine alcoholic ethyl ether 14, 18, 27
Desomorphine. See Dihydrodesoxymorphine-	Dihydromorphine isomers. See under Iso-
D.	mers.
Desoxycodeines	Dihydromorphinone 16, 20, 24, 32, 121, 122, 126
Desoxycodeines	Dihydrophenanthrene derivatives 40,
Desoxymorphines 11	43, 54, 61, 70, 81, 95 Dihydropseudocodeine 7, 15, 19, 20, 22, 25, 28
Diacetyldihydrohydroxycodeine-B	Dihydropseudocodeinone
Diacetyldihydrohydroxycodeine-C	Dihydrothebaine
Discetyldihydromorphine 27, 121, 125	Dihydrothebainone 25, 27
Diacetylmorphine 27 Diastereomers. See also Isomers 4, 7, 14, 15	Dilaudid. See Dihydromorphinone.
Dibenzofuran 41, 97, 98, 102	Dionin. See Ethylmorphine. Diphenylene oxide. See Dibenzofuran.
, 2-Acetyl97, 98	Di-substitution phenanthrene derivatives. 50, 64, 69
, 3-Amino 97, 98	Disabilitation phonanting the derivatives: on, on, on
, 2-(2-Amino-1-hydroxy-ethyl)	Emetic action—Definition 6
, 2-[2-(Diethylamino)-1-hydroxy-ethyl]_ 99, 100	Ephedrine types—Phenanthrene series 76, 79
, 2-[2-(Diethylamino)-1-oxo-ethyl], 99, 100, 3-Dimethylamino	Esters (alcoholic) of morphine
, 2-[2-(Dimethylamino)-1-hydroxy-ethyl]-9-100	Ethanolamines 72, 81, 85 Ether oxygen bridge, opening of 25, 34
, 2-[2-(Dimethylamino)-1-oxo-ethyl] 99, 100	Ether oxygen bridge, opening of 23, 34 Ethers of morphine 7, 8, 9, 18
, 2-[2-(Ethylamino)-1-hydroxy-ethyl] 99, 100	Ethylation—Morphine series 8, 18
, 2-Methyl carbinol 97, 98	Ethyldihydro-α-isomorphine
, 2-(2-Piperidino-1-hydroxy-ethyl) 99, 100	Ethyldihydro-γ-isomorphine
, 2-Propionyl 97, 98 , 1, 2, 3, 4-Tetrahydro 97, 98	Ethyldihydromorphinone
	Ethyl ethers, alcoholic
, 7-Acetyl	Ethyl ethers, phenolic
droxy-ethyl]99, 100	Ethyl-γ-isomorphine
2-Dibenzofuran carboxylic acid	Ethylmorphine. 4,8
, Methyl ester 97, 98	Eucodin, See Codeine methobromide.
Dibenzofuran-Comparison with Phenanth-	Eukodal. See Dihydrohydroxycodeinone.
rene	Exciting effect—Definition 6
Dibenzofuran—Numbering system 97 Dibenzofuran—Schematic relations 102	Habituation—Definition 115
Dibenzofuran system in morphine	Halogenocodides 5, 11, 12, 13, 21
Dicodid. See dihydrocodeinone.	Halogenomorphides 4, 11, 12, 13, 21
8-Diethylaminocodide	Heart, effect on conduction in 90
8-Diethylaminomorphide	Heroin. See Diacetylmorphine.
Dihydroallopseudocodeine 7, 15, 19, 20, 22, 25, 28	Heterocodeine 8, 9, 14, 18, 27

Page	Page
Homologous derivatives - Phenanthrene	β-Methylmorphimethine
series 61, 66, 92	8-Methylmorphimethine methomethyl sulfate. 51
Hydrogenation-Carbazole series 106, 107, 108	e-Methylmorphimethine 6
Hydrogenation—Dibenzofuran series 97, 98, 101	Methylmorphine. See Codeine.
Hydrogenation—Morphine series	Monoacetyl dihydromorphine 10, 19, 27
11, 21, 26, 28, 29, 34	Monoacetyl-α-isomorphine
Hydrogenation—Phenanthrene series 40,	Monoacetyl-\$\beta\circ\circ\circ\circ\circ\circ\circ\cir
43, 54, 61, 81, 85, 88, 92 Hydroxyacetylphenanthrenes 63	Monoacetyl- γ -isomorphine
Hydroxyacetylphenanthrenes 63 Hydroxyaminophenanthrenes 58	Monohydroxyphenanthrenes
14-Hydroxycodeine	Morphenol 41, 48, 49, 51
Hydroxycodeinone 27, 29, 30	Morphigenine (Vahlen's)
Hydroxyl, alcoholic. See Alcoholic hydroxyl.	Morphine 2, 4, 7, 8, 14, 18, 19, 23, 27,
Hydroxyl, phenolic. See Phenolic hydroxyl.	30, 34, 39, 45, 51, 59, 69, 114, 118, 121, 122, 123, 124
Hydroxyphenanthrenes 47, 48	Morphine alcoholic ethyl ether
Hydroxyphenanthrylene oxides	Morphine alcoholic methyl ether. See Het-
	erocodeine.
Intestinal effect	Morphine esters
Isocodeine 5, 7, 14, 19, 23, 27, 121, 123, 125	Morphine ethers
Isomerism, spatial	Morphine-like effect—Carbazole series 104
Isomers of acetylcodeine	Morphine-like effect—Phenanthrene series 74, 94
Isomers of acetylmorphine	Morphine methochloride
Isomers of chlorocodide	Morphine-Numbering system. 4
Isomers of chlorodihydrocodide	Morphine sulfonic acids 29
Isomers of chloromorphide	Morphol 48, 49
Isomers of codeine	Muzzling, alcoholic hydroxyl
Isomers of dihydrocodeine 5, 7, 14	Muzzling, phenolic hydroxyl
Isomers of dihydrocodeinone	Muzzling hydroxyl—Phenanthrene series 48,
Isomers of dihydrohydroxycodeine	49, 69, 74, 79, 88
Isomers of dihydromorphinne	Naphthalene
Isomers of ethylmorphine	β-(1-Naphthoyl)-propionic acid
Isomers of morphine	β-(2-Naphthoyl)-propionic acid
Isomers-Phenanthrene series 47,	γ -(1-Naphthyl)-n-butyric acid 46 γ -(2-Naphthyl)-n-butyric acid 46
48, 52, 55, 58, 61, 63, 66, 69, 73, 76, 88, 90	Nitrocodeine 29
Isomethyldihydrocodeinone	Nitrogen, modification of 33, 34
α-Isomorphine 4, 5, 7, 8, 14, 18, 19, 23, 27, 121, 123, 125	Nitrosomorphine
α-isomorphine alcoholic ethyl ether	Novocaine types
☞ Isomorphine alcoholic methyl ether 14, 18, 27 ℰ -Isomorphine	Nuclear substitutions—Morphine series 20,
γ-Isomorphine	29, 30, 31, 32, 34
γ-Isomorphine alcoholic ethyl ether	Numbering systems 4, 40, 97, 103
γ-Isomorphine alcoholic methyl ether 5, 9, 18	Octahydrophenanthrene derivatives 40,
Isonitrosoacetylphenanthrenes	43, 61, 63, 70, 85, 95
Isopropyldihydromorphinone	Oestrogenic activity 65
Isoquinoline, 6,7-Diethoxy-1-(3', 4'-diethoxy-	Peronin. See Benzylmorphine.
benzyl) 125, 127 Isoquinoline system in morphine 39	Perparin
Isoquinoline system in morphine	Phenanthrene 40, 43, 45, 53, 70, 96
Ketones-Dibenzofuran series 99	, 2-Acetoxy. 47
Ketones-Morphine series 16, 20, 32	, 3-Acetoxy
Ketones—Phenanthrene series 61, 63, 64, 72	, 2-Acetyl
Mathada afatada	, 3-Acetyl
Methods of study iii, 1, 39, 40, 42, 104, 114, 116 Methoxymethyldihydromorphine	, 3-(Acetylamino) 52
Methoxymethyldihydromorphine 8 Methylation—Morphine series 7, 18	, 3-Aldehyde
Methyldihydrocodeine 20, 30, 32	, 9-Aldehyde 61, 62
Methyldihydrocodeinone	, 2-Amino
Methyldihydrocodeinone enol acetate 32	, 3-Amino 52, 56, 60
Methyldihydromorphine 20, 30, 32	, 9-Amino 52, 60
Methyldihydromorphinone 20,	, 3-(2-Amino-1-hydroxy-ethyl) 73, 74, 75, 100
30, 32, 33, 121, 122, 123, 126, 127	, 3-(2-Amino-1-hydroxy-n-propyl) 76, 78, 79
Methyl ethers, alcoholic	, 9-(Aminomethyl)
Methyl ethers, phenolic 8	
Methylmorphenol	, 9-Carbinol 61, 62
a-memy morphimetime	, o Sui dilloissassassassassassassassassassassassassa

Page	Page
Phenanthrene, 9-Cyano	Phenanthrene, 9, 10-Dihydro, 2-[2-(Diethyl-
, 3, 4-Diacetoxy 48	amino)-1-acetoxyethyl] \$1,83
, 3, 6-Diacetoxy 48, 50	, 2-[2-(Diethylamino)-1-hydroxy-
, 3-[2-(Diethylamino)-1-hydroxy-ethyl] 73,	ethyl]81,83
74, 75, 100	, 2-[2-(Diethylamino)-1-hydroxy-
	n-propyl]
pyl]	ethyll 81,83
pyl] 77, 78, 79	
, 3-[2-(Diethylamino)-1-oxo-ethyl]72, 74, 75	, 2-[2-(Dimethylamino)-1-acetoxy-
, 3, 4-Dihydroxy 48, 49	ethyl]81,83
, 3, 6-Dimethoxy-4-acetoxy 48, 50	, 2-[2-(Dimethylamino)-1-hydroxy-
, 3-Dimethylamino	ethyl]81,83
, 3-[2-(Dimethylamino)-1-hydroxy-	,, 2-(2-Piperidino-1-acetoxy-ethyl).81,83
ethyl] 73, 74, 75, 100	,, 2-(2-Piperidino-1-hydroxy-
, 9-[2-(Dimethylamino)-1-hydroxy-	ethyl)81,83
ethyl] 73, 74, 75	, 2-(2-Piperidino-1-hydroxy-n-
, 3-[2-(Dimethylamino)-1-hydroxy-n-	propyl)
propyl]76, 78, 79	, , , 2-[2-(1, 2, 3, 4-Tetrahydroisoquin-
, 3-[2-(Dimethylamino)-1-oxo-ethyl] 72,	olino)-1-acetoxy-ethyl] 81,83
74, 75, 100 	olino)-1-hydroxy-ethyl]
, 2-Ethoxy	,, 2-[2-(1, 2, 3, 4-Tetrahydroisoquin-
, 9-Ethoxy-10-acetylamino 58, 60	olino)-1-hyroxy-n-propyl]
, 3-[2-(Diethylamino)-1-acetoxy-ethyl] 73,	, (Cis, trans) 1, 2, 3, 4, 9, 10, 11, 12-Octa-
74, 75	hydro
, 3-[2-(Ethylamino)-1-hydroxy-n-propyl] 76,	—, (Sym.) 1, 2, 3, 4, 5, 6, 7. 8-Octa-hydro 40,
78, 79	43, 44
, 1-Hydroxy 47	——, ——, 9-Acetyl 61, 62, 87
, 2-Hydroxy 47	, 9-[2-(Diethylamino)-1-hydroxy-
, 3-Hydroxy 47, 49, 60, 64	ethyl]85, 87
, 4-Hydroxy 47	,, 9-[2-(Dimethylamino)-1-hy-
, 9-Hydroxy	droxy-ethyl]
, 9.Hydroxy-0-acetyl	droxy-n-propyl]
, 9-Hydroxy-10-Acetylamino	, 9-[2-(Ethylamino)-1-hydroxy-n-
, 3-Hydroxy-4-amino 58, 60	propyl]86, 87
, 3-Hydroxy-9-amino 58, 60	,, 1-Keto 63, 64, 65
, 9-Hydroxy-10-amino 58, 60, 61	,, 1-Oxo
, 3-Hydroxy-6-[2-(diethylamino)-1-	, 9-(2-Piperidino-1-hydroxy-
acetoxy-ethyl]79.80	ethyl)
, 3-Hydroxy-6-[2-(diethylamino)-1-	, 9-(2-Piperidino-1-hydroxy-n-
hydroxy-ethyl]79, 80	propyl)
, 2-Methoxy 47	, 9-Propionyl 61, 62
, 3-Methoxy	, 1, 2, 3, 4-Tetrahydro
	,, 1-Amino
, 9-Methoxy-10-acetylamino 58, 60	
	, —, 3-[(Diethylamino)-methyl]-4-
, 9-Methoxy-10-amino 58, 60	hydroxy
, 3-Methoxy-9-diacetylamino 58, 60	,, 3-[(Diethylamino)-methyl]-4-
, 3-Methoxy-9-[2-(dimethylamino)-1	oxo
hydroxy-ethyl]	,, 1-Dimethylamino 55, 56
, 2-Methyl carbinol 61, 62, 63	,, 4-Dimethylamino 55, 56
, 3-Methyl carbinol 61, 62, 63	,, 2-(Dimethylamino)-1-hydroxy . 88, 90
9-Methyl carbinol 61, 62, 63	, 3-(Dimethylamino)-4-hydroxy 88, 90
3-(2-Piperidino-1-hydroxy-ethyl) 24,	,, 9-[2-(Dimethylamino)-1-hy-
73, 74, 75, 100	droxy-n-propyl]
, 3-(3-Piperidino-1-hydroxy-n-propyl) 77, 78, 79	, 1-Keto
78, 79 72, 74, 75	, 4-Keto 46, 57, 63, 64, 65, 93, 94 , 1-Methylamino 55, 56
, 3-Propionyl 61, 62	, 1-Netrylamino 55, 63, 64, 65
, 3-[3-(1, 2, 3, 4-Tetrahydroisoquinolino)-	, 4-Oxo (Oxime) 57, 63, 64, 65
1-hydroxy-n-propyl]	, 2-Piperidino-1-hydroxy 88, 90
, 9, 10-Dihydro	, 3-Piperidino-4-hydroxy 88, 90
,, 2-Acetyl 56, 61, 62	,, 2-(Piperidino-methyl)-1-hy-
, 2-Amino 54, 56	droxy93, 94

INDEX

Page	Page
Phenanthrene, 1, 2, 3, 4-Tetrahydro, 2-(Piper-	4, 5-Phenanthylene oxide, 3-Hydroxy 41, 48, 49, 51
idino-methyl)-1-oxo 93, 94	, 3-Methoxy 48, 51
,, s-(1, 2, 3, 4-Tetrahydroisoquino-	Phenanthrylene oxide system in morphine 25
lino)-4-acetoxy	Phenolic ethers of morphine
,, 2-(1, 2, 3, 4-Tetrahydroisoquino-	Phenolic hydroxyl substitutions 4, 7, 8, 9, 10, 12, 13
lino)-1-hydroxy	Physical properties and action
, 3-(1, 2, 3, 4-Tetrahydroisoquino-	Piperidino-ethanol
lino)-4-hydroxy 88, 90, 125, 127	8-Piperidocodide6, 23
,, 3-[(1, 2, 3, 4-Tetrahydroisoqui-	6-Piperidodihydromorphide 23, 24, 27
nolino)-methyl]-4-hydroxy	6-Piperidomorphide 23, 24, 27
Phenanthrene-2-carboxylic acid	8-Piperidomorphide 23, 24
, Amide 66, 68	Polyhydroxyphenanthrenes
, Methyl ester 66, 68	Propanolamines
Phenanthrene-3-carboxylic acid 66, 67, 68	Pseudocodeine 5, 7, 18, 19, 21, 22, 23, 28, 121, 123, 125
, Amide 66, 68	Pseudocodeine methyl ether 6, 9, 18
, \$-(Diethylamino)-ethyl ester 66, 67, 68	Pseudocodeine phenyl ether
, Dimethyl amide 66, 68	Pseudocodeinone 6, 15, 16
, Methylesier 66, 68	Pseudomorphine 27
Phenanthrene-9-carboxylic acid	Pyridino-dibenzofurans. See Benzofuroquino-
, Amide 66, 68	lines.
, \$-(Diethylamino)-ethyl ester 66, 67, 68	
, 3-Methoxy 66, 68	Quarternary alkylates
, Methyl ester 66, 68	
, 1, 2, 3, 4, 5, 6, 7, 8-Octahydro	Respiratory effect—Definition
Phenanthrene-3-propionic acid	
, Amide 66, 68, 69	Schematic relations—Carbazole series 109
, Methyl ester 66, 68, 69	Schematic relations—Dibenzofuran series 102
Phenanthrene—Absorption of	Schematic relations—Phenanthrene series 70, 95
Phenanthrene—Comparison with carbazole 97	m + 1 - 1 - 1 - 1 - 1 - 1
Phenanthrene—Comparison with dibenzo- furan	Tetrahydroallopseudocodeine
	Tetrahydrocarbazole derivatives 106, 107, 108
9-Phenanthrone, 10, 10-Dichloro 48 Phenanthrenedisulfonate 50	Tetrahydrodesoxycodeine 11, 12, 21, 22, 25
Phenanthrene methyl alcohols. See Phenan-	Tetrahydrodesoxymorphine 6, 11, 12, 21, 22, 25 Tetrahydrodibenzofuran derivatives 97, 98, 101
threne carbinols.	Tetrahydro-y-isomorphine
Phenanthrene—Numbering system	Tetrahydroisoquinoline derivatives
3, 4-Phenanthrene quinone 49	Tetrahydromorphine derivatives
9, 10-Phenanthrene quinone 48	Tetrahydrophenanthrene derivatives 43,
9, 10-Phenanthrene quinone monoxime	55, 63, 70, 86, 88, 92, 95
Phenanthrene—Schematic relations	Tetrahydropseudocodeine 21, 22, 25
3-Phenanthrene sulfonic acid	Tetrahydropseudocodene 21, 22, 25 Tetrahydropseudomorphine 27
Phenanthrene system in morphine 2, 39, 45	Tetrahydrothebaine (Same as Dihydrocodeine
Phenanthroic acids. See Phenanthrene car-	methyl ether) 10, 18, 27, 28
boxylic acids.	Thebaine
Phenanthrols, See Hydroxyphenanthrenes.	Thebainone 27
β-(2-Phenanthryl)-acrylic acid	Tolerance—Definition 115
8-(3-Phenanthryl)-acrylic acid	Toxicity—Definition 6
4, 5-Phenanthrylene oxide	values a commence of the contract of the contr
, 3-Acetoxy	Veratrine-like effect 67